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**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

029869.00001-US01

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

107520506

INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/US2003/021469	9 July 2003	9 July 2002

TITLE OF INVENTION METHODS OF TREATING MICROBIAL INFECTIONS IN HUMANS AND ANIMALS

APPLICANT(S) FOR DO/EO/US Craig A. Townsend; James D. Dick; Nicole M. Parrish; and
Minerva Amorette Hughes

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. The US has been elected (Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - a. is attached hereto (required only if not communicated by the International Bureau).
 - b. has been communicated by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2))
 - a. is attached hereto.
 - b. has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. are attached hereto (required only if not communicated by the International Bureau).
 - b. have been communicated by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A preliminary amendment.
14. An Application Data Sheet under 37 CFR 1.76.
15. A substitute specification.
16. A power of attorney and/or change of address letter.
17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. Other items or information: Copy of the International Search Report

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/520506		INTERNATIONAL APPLICATION NO. PCT/US2003/021469		ATTORNEY'S DOCKET NUMBER 029869.00001-US01																															
21. The following fees are submitted:																																			
<table border="1"> <tr> <td><input checked="" type="checkbox"/></td> <td>a) Basic national fee</td> <td>\$300.00</td> <td></td> <td></td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>b) Examination fee</td> <td>\$200.00</td> <td></td> <td></td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>c) Search fee</td> <td>\$500.00</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="3">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$1000.00</td> <td colspan="2">\$ 1,000.00</td> </tr> </table>						<input checked="" type="checkbox"/>	a) Basic national fee	\$300.00				<input checked="" type="checkbox"/>	b) Examination fee	\$200.00				<input checked="" type="checkbox"/>	c) Search fee	\$500.00				TOTAL OF ABOVE CALCULATIONS =			\$1000.00	\$ 1,000.00							
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<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																																			
<table border="1"> <thead> <tr> <th>Total Sheets</th> <th>Extra sheets</th> <th>Number of each additional 50 or fraction thereof (round up to a whole number)</th> <th>RATE</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>36 - 100 =</td> <td>/50 =</td> <td></td> <td>x \$250.00</td> <td></td> <td></td> </tr> </tbody> </table>						Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE			36 - 100 =	/50 =		x \$250.00																				
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<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.																																			
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<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ 820.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0740. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>																																			
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.																																			
SEND ALL CORRESPONDENCE TO:																																			
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NAME																																			
CUSTOMER NUMBER: 26853																																			
38,661																																			
REGISTRATION NUMBER																																			

10/520506

Docket No.: 029869.00001-US01
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Craig A. Townsend et al.

Application No.: Not Yet Assigned
(371 of Int'l. Appl. No. PCT/US2003/021469)

Group Art Unit: N/A

Filed: January 7, 2005
(Int'l. Filing Date: July 9, 2003)

Examiner: Not Yet Assigned

For: METHODS OF TREATING MICROBIAL
INFECTIONS IN HUMANS AND ANIMALS

TRANSMITTAL LETTER

MS PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed are the following items for filing in connection with the above-referenced Patent Application:

1. Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Submission under 35 U.S.C. 371 (in duplicate);
2. Application Data Sheet;
3. Copy of International Publication No. WO 2004/004712 A1 comprising: 30 pages of description; six pages of claims; and seven sheets of drawings (Figs. 1, 2, 3A, 3B, and 4-7);
4. Copy of International Search Report;

10/520506

Rec'd PTO 07 JAN 2005

Application No.: Not Yet Assigned
(371 of Int'l Appl. No. PCT/2003/021469)

2

Docket No.: 029869.00001-US01

5. Check No. 338997, for \$820.00 to cover:

\$150.00 basic national fee;

\$100.00 examination fee;

\$250.00 search fee;

\$65.00 surcharge for late submission of the declaration;

\$255.00 additional claims fee; and

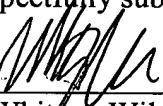
6. Two return receipt postcards.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0740, under Docket No. 029869.00001-US01. A duplicate copy of this paper is enclosed.

It is not believed that extensions of time or fees for net addition of claims are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to our Deposit Account No. 50-0740.

Dated: January 7, 2005

Respectfully submitted,

By 

N. Whitney Wilson

Registration No.: 38,661
COVINGTON & BURLING
1201 Pennsylvania Avenue, N.W.
Washington, DC 20004-2401
(202) 662-6000
Attorney for Applicant